

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE paragraph [0034] with the following paragraph:

{0034] Referring back to the flow chart in FIGS. 2 and 3, the skin tone mapping function generation unit 140 compensates the original chroma signal, the hue signal and the luminance signal by using the chroma deflection, the hue deflection and the luminance deflection calculated from the chroma deflection function generation unit 110, hue deflection function generation unit 120 and luminance deflection function generation unit 130 (S220). The method of compensation used by the skin tone mapping function generation unit 140 is to sum the calculated chroma deflection with the original chroma signal, the calculated ~~luminance~~ hue deflection with the original hue signal, and the calculated luminance signal with the original luminance signal. This can be expressed as the following mathematical expression.

Mathematical Expression 2

$$(Y, C, H)_{out} = (Y + \Delta Y(Y), C + \Delta C(C), H + \Delta H(H))$$